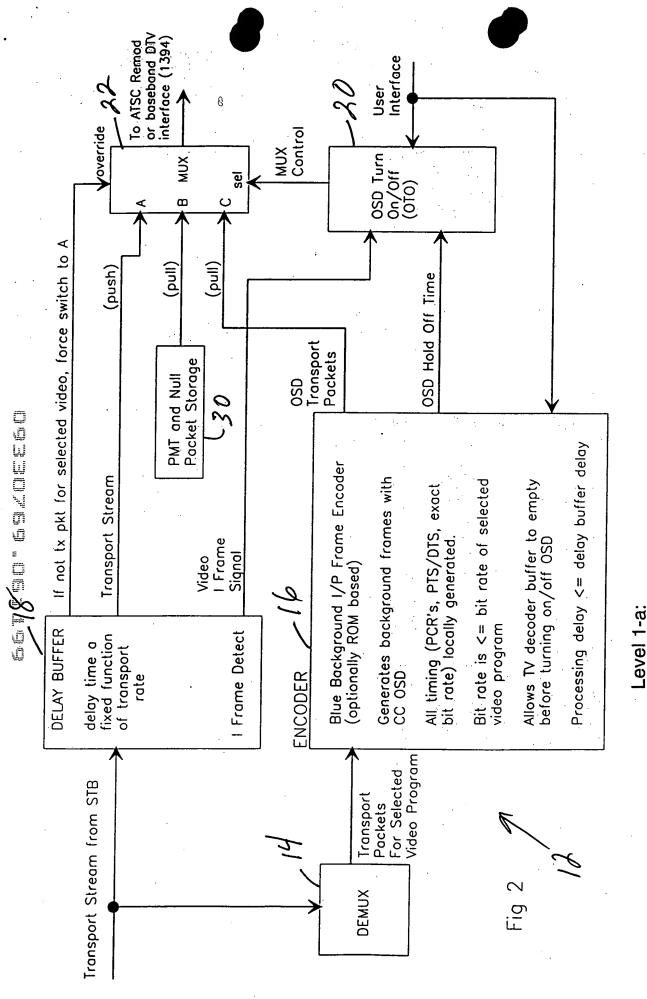
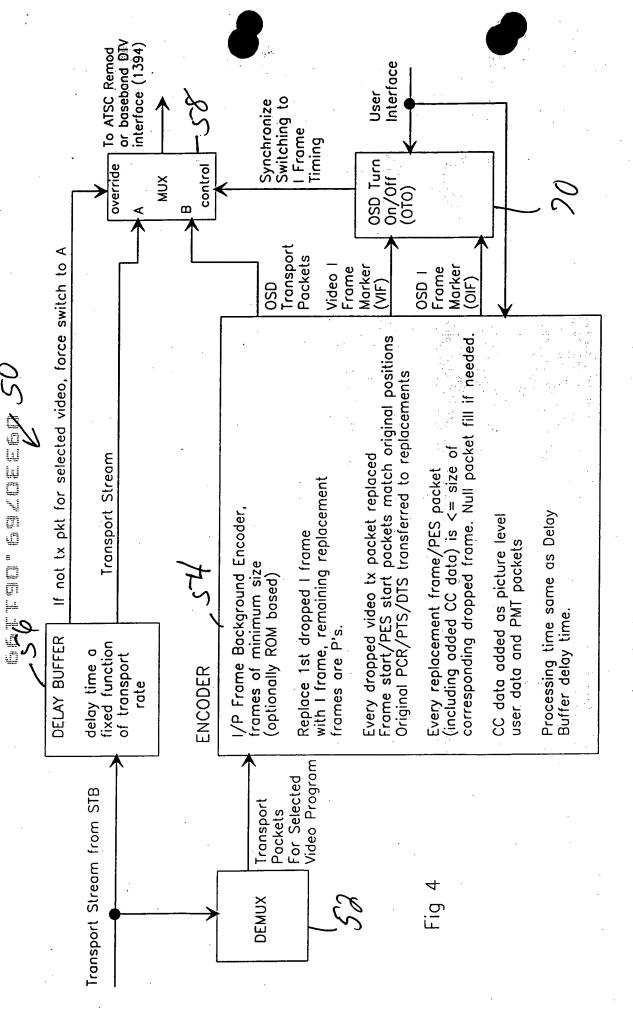
To ATSC Remod or baseband DTV interface (1394) by packets for MPEG encoded locally video program deleted and replaced packets for selected MPEG encoded multiplexed MPEG 2 transport generated video with OSD stream consisting of either a) original stream intact b) packets for selected MPI If OSD on, delete incoming video and replace with locally generated MPEG encoded OSD Analyze incoming stream multiplexed MPEG 2 transport stream with selected MPEG if on, select what to display encoded video program and turn OSD on/off, other services user input:

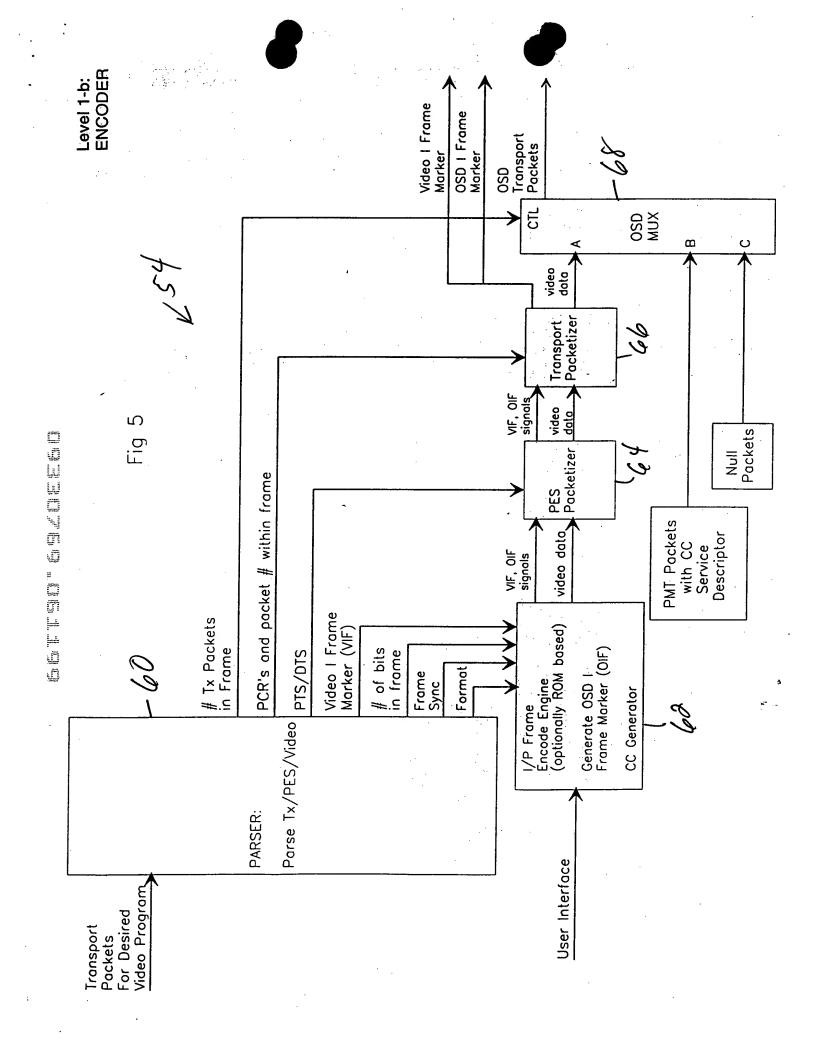


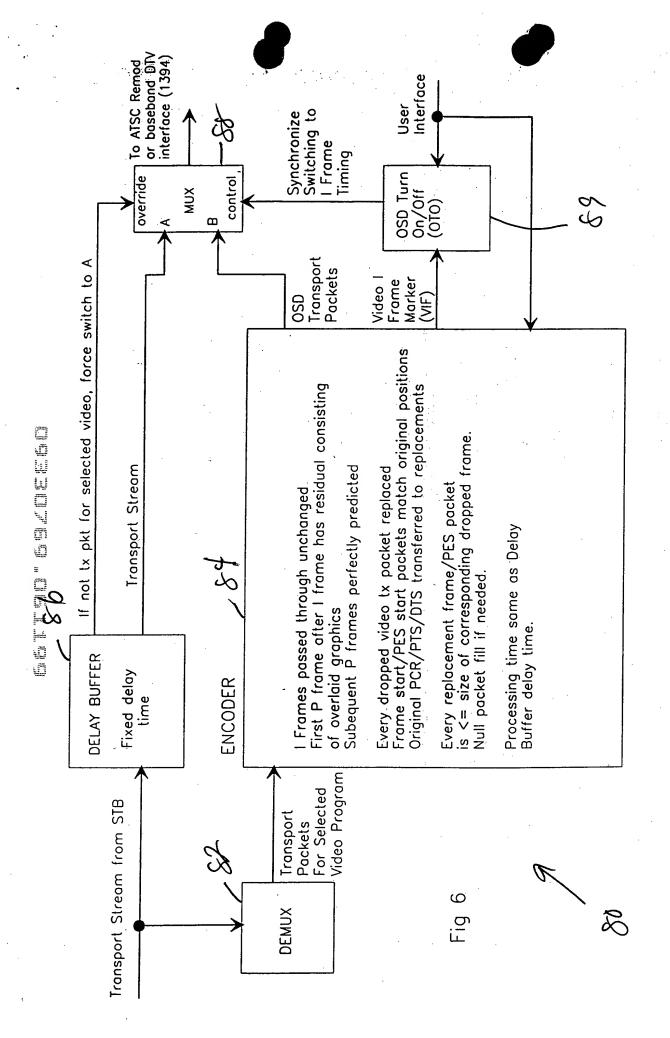
MPEG I/P Background Frames CC generated OSD

Level 1-a: Encoder

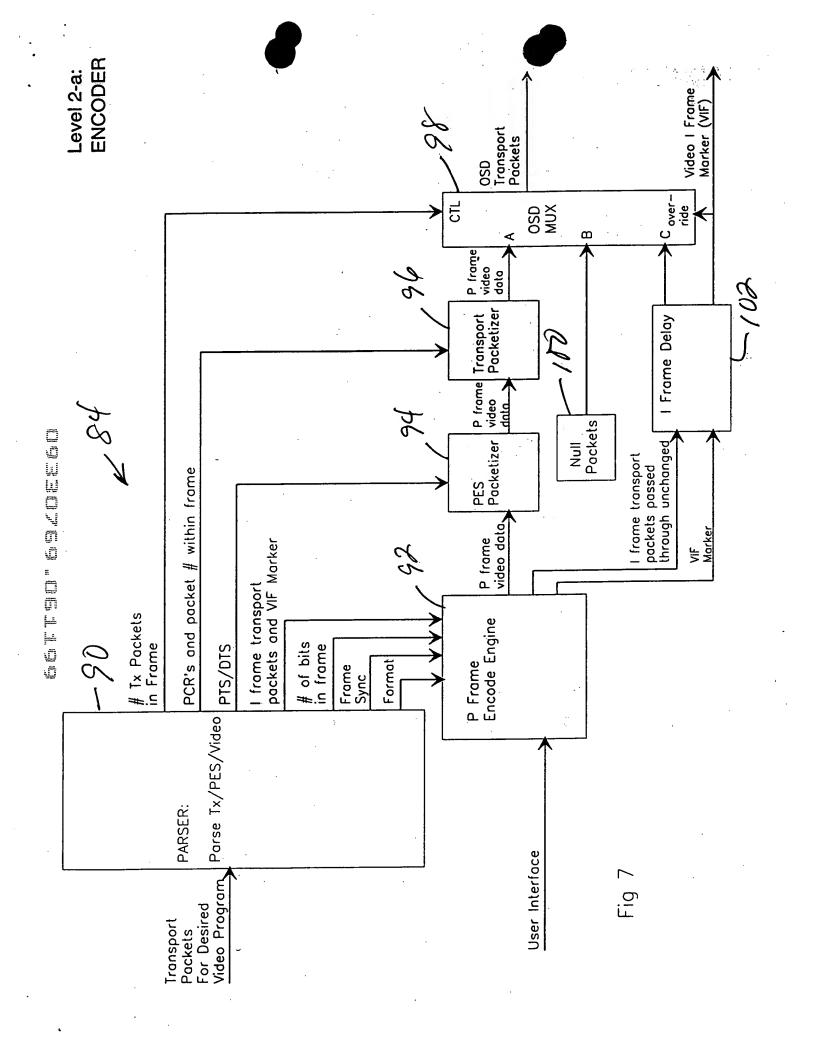


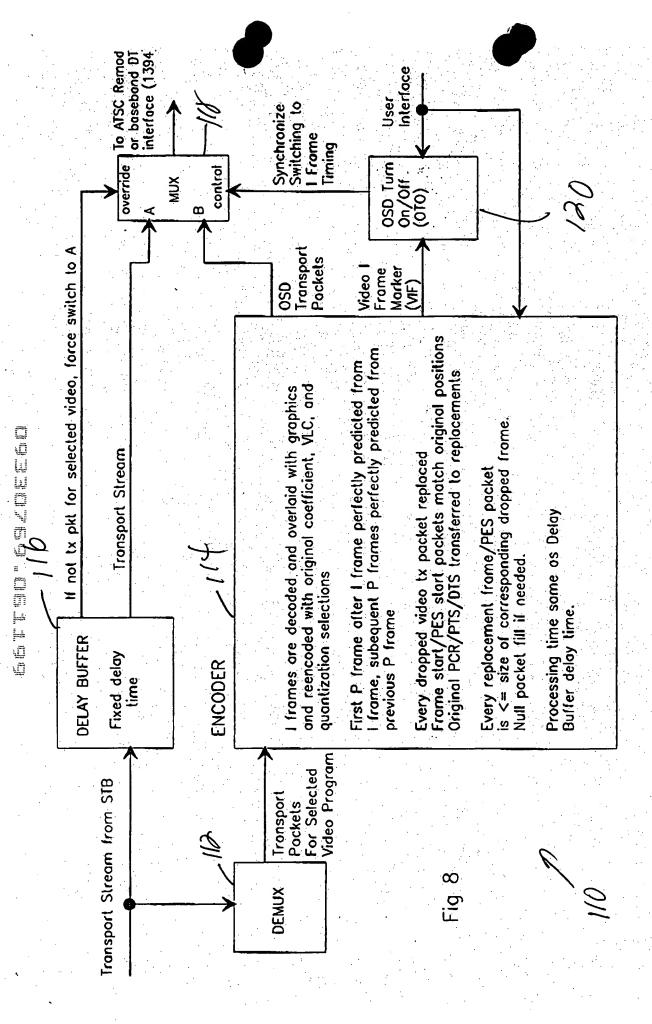
Level 1-b: MPEG I/P Background Frames CC generated OSD





Level 2-a





Level 2-b

COLUDO DOLLOG

Fig 9

MPEG Downsampling Method

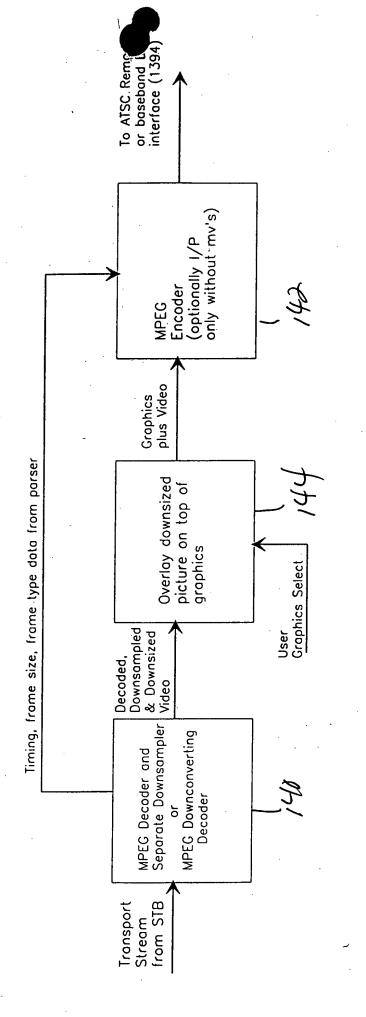


Fig. 10